

CLAIMS

- Sub B1
- 1 1. A method of preventing thrombosis formation on a liquid-containing surface of a liquid
 - 2 delivery system, the liquid delivery system being connected to a patient for delivery of a
 - 3 liquid to said patient, the method comprising a regimen selected from the group consisting of:
 - 4 A) contacting said surface with a thrombosis-preventing liquid containing
 - 5 taurolidine, taurultam or a mixture thereof, said thrombosis-preventing liquid
 - 6 further containing an anticoagulant agent; and
 - 7 B) first contacting said surface with a solution containing a thrombosis-
 - 8 preventing amount of an anticoagulant agent, and thereafter contacting said
 - 9 surface with a solution containing taurolidine, taurultam or a mixture thereof.

- Sub C2
- 1 2. The method of claim 1 wherein the solution or liquid containing taurolidine, taurultam or
 - 2 mixture thereof is contacted with said surface for at least about 1 hour.
 - 3 3. The method of claim 2 wherein said solution or liquid containing taurolidine, taurultam or
 - 4 mixture thereof is sealed in said delivery system for a period of at least 12 hours.
 - 1 4. The method of claim 3 wherein said solution or liquid containing taurolidine, taurultam or
 - 2 mixture thereof which is sealed in said delivery system, is replaced at least about daily.
 - 1 5. The method of claim 1 wherein, when first contacting said surface with the anticoagulant
 - 2 solution, said surface is flushed with said anticoagulant-containing solution.
 - 1 6. The method of claim 5 wherein the solution containing taurolidine, taurultam or a mixture
 - 2 thereof is contacted with said surface for at least about 1 hour.
 - 1 7. The method of claim 6 wherein said solution containing taurolidine, taurultam or a
 - 2 mixture thereof is sealed in said delivery system for a period of at least about 12 hours.
 - 1 8. The method of claim 7 wherein the solution containing taurolidine, taurultam or a mixture
 - 2 thereof which is sealed in said delivery system is replaced at least about daily.

1 9. The method of claim 1 wherein the anticoagulant-containing solution is contacted with
2 said surface by injecting the anticoagulant-containing solution into said liquid delivery
3 system and then removing said anticoagulant-containing solution from said liquid delivery
4 system.

1 10. The method of claim 9 wherein the solution containing taurolidine, taurultam or a
2 mixture thereof is contacted with said surface for at least about 1 hour.

1 11. The method of claim 10 wherein the solution containing taurolidine, taurultam or a
2 mixture thereof is sealed in said delivery system for a period of at least about 12 hours.

1 12. The method of claim 11 wherein the solution containing taurolidine, taurultam or a
2 mixture thereof which is sealed in said delivery system, is replaced at least about daily.

1 13. The method of claim 1 wherein said solution or liquid containing taurolidine, taurultam
2 or a mixture thereof contains from about 0.5 to about 3% by weight of taurolidine, or from
3 about 1 to about 7.5% by weight of taurultam.

1 14. The method of claim 1 wherein said anticoagulant agent is selected from the group
2 consisting of sodium citrate, aprotinin, hirudin, desirudin, danaparoid, danaparoid-sodium,
3 heparin, pentosan, pentosanpolysulfate-sodium, ticlopidine, clopidogrel, and mixtures
4 thereof.

1 15. The method of claim 14 wherein said anticoagulant is present in an amount within a
2 range of from about 0.1-10mg.

1 16. A composition for use in the method of claim 1, comprising a pharmaceutically-
2 acceptable liquid containing taurolidine, taurultam or a mixture thereof and further including
3 an anticoagulant agent.

0091509923560

Subh
C3

13

1 17. The composition of claim 16 wherein said anticoagulant agent is selected from the group
2 consisting of aprotinin, hirudin, desirudin, danaparoid, danaparoid-sodium, pentosan,
3 pentosanpolysulfate-sodium, ticlopidine, clopidogrel, and mixtures thereof.

1 18. The composition of claim 16 wherein said anticoagulant agent is heparin.

1 19. The composition of claim 16 wherein said anticoagulant is sodium citrate.

1 20. The composition of claim 16 wherein said turolidine is present in an amount of from
2 about 0.5 to about 3% by weight or said taurultam is present in an amount of from about 1 to
3 about 7.5% by weight, and said anticoagulant agent is present in an amount within a range of
4 from about 0.01 to about 5% by weight.

add
B2

00970-85522560